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Case Docket No. HOUSEB.001A  
Date: March 13, 2002

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Li et al.  
Appl. No. : 09/997,551  
Filed : November 27, 2001  
For : COMPOSITION AND METHOD  
FOR TREATING THE OVER-  
PRODUCTION OF MUCIN IN  
DISEASES SUCH AS OTITIS  
MEDIA USING AN INHIBITOR OF  
MUC5AC

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Office, P.O. Box 2327, Arlington, VA 22202, on

March 13, 2002  
(Date)

Jennifer A. Haynes, Ph. D., Reg. No. 48,868

Examiner : Unknown

Group Art Unit : 1614

TRANSMITTAL LETTER

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with ~~Six~~ (6) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Jennifer A. Haynes, Ph. D.  
Registration No. 48,868  
Agent of Record

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HOUSEEL001A



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Li et al. ) Group Art Unit 1614  
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OF MUCIN IN DISEASES SUCH AS )  
OTITIS MEDIA USING AN INHIBITOR )  
OF MUC5AC )  
Examiner : Unknown

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INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 13, 2002

By: Jennifer A. Haynes  
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<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	<b>ATTY. DOCKET NO.</b> HOUSEE1.001A	<b>APPLICATION NO.</b> 09/997,551	<b>SHEET 1 OF 1</b>
	<b>APPLICANT</b> Li, et al.		
	<b>FILING DATE</b> November 27, 2001	<b>GROUP</b> 1614	

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Basebaum et al., "Control of Mucin Transcription by Diverse Injury-induced Signaling Pathways" <i>Am J Respir Crit Care Med</i> Vol. 160, pp. S44-S48, 1999
	Dohrman et al., "Mucin gene (MUC 2 and MUC 5AC) upregulation by Gram-positive and Gram-negative bacteria" <i>Biochimica et Biophysica Acta</i> 1406 (1998) 251-259
	D.A. Groneberg et al., "Expression of MUC5AC and MUC5B mucins in normal and cystic fibrosis lung" <i>Respiratory Medicine</i> Vol. 96 (2002) 81-86
	Li et al., "Cloning of the Amino-terminal and 5'-Flanking Region of the Human MUC5AC Mucin Gene and Transcriptional Up-regulation by Bacterial Exoproducts" <i>The Journal of Biological Chemistry</i> Vol. 273, No. 12, 1998, pp. 6812-6820
	M. Longphre et al., "Allergen-induced IL-9 directly stimulates mucin transcription in respiratory epithelial cells" <i>The Journal of Clinical Investigation</i> Nov. 1999, Vol. 104, No. 10, pp. 1375-1382
	M. Longphre et al., "Lung Mucin Production is Stimulated by the Air Pollutant Residual Oil Fly Ash" <i>Toxicology and Applied Pharmacology</i> 162, 86-92 (2000)

JAH-5592.DOC:afa  
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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	